DNV·GL

Certificate No:
TAE00000YS

TYPE APPROVAL CERTIFICATE

This is to certify:

That the Clip, Saddle, Band

with type designation(s)
Ball-Lok, Tie-Lok, Multi-Lok, BAND-IT Ties, All Purpose and Cable Fixing Band

Issued to
BAND-IT Company Limited
NR. CHESTERFIELD DERBYSHIRE, United Kingdom

is found to comply with
DNV GL rules for classification – Ships and offshore units

Application :

Product(s) approved by this certificate is/are accepted for installation on all vessels classed by DNV GL.

This Certificate is valid until **2017-06-30**.

Issued at **Høvik** on **2016-02-16**

for **DNV GL**

DNV GL local station: **Manchester**

Approval Engineer: **Marta Alonso Pontes**

Marit Laumann
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid.
The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

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Job Id: **262.1-012984-4**
Certificate No: **TAE00000YS**

Name and place of manufacturer

BAND-IT Company Limited
NR. CHESTERFIELD
United Kingdom

BAND-IT-IDEX, Inc.
Denver, Colorado
USA

IDEX Technology (Suzhou) Co., Ltd.
Block 6, Suchun Industrial Square, No. 428,
Xinlong Street,
Suzhou, China

Product description

Type name: Ball-Lok Ties
Material: Stainless Steel 304 or 316, 316 with or without Nylon 11 or Epoxy coating
Thickness: 0.265 mm

Width				Length		Ref. no. SS 304		Ref.no. SS 316		Ref.no. SS 316	
Inches		mm		Inches	mm	Uncoated		Uncoated		Epoxy coated	
0.18	0.31	4.6	7.9	7.9	201	KE1128	KE1328	KE0128	KE0328	KE0228	KE0428
0.18	0.31	4.6	7.9	10.2	259	KE1138	KE1338	KE0138	KE0338	KE0238	KE0438
0.18	0.31	4.6	7.9	14.2	360	KE1148	KE1348	KE0148	KE0348	KE0248	KE0448
0.18	0.31	4.6	7.9	20.4	520	KE1158	KE1358	KE0158	KE0358	KE0258	KE0458
0.18	0.31	4.6	7.9	26.8	679	KE1168	KE1368	KE0168	KE0368	KE0268	KE0468
0.18	0.31	4.6	7.9	33.0	838	KE1178	KE1378	KE0178	KE0378	KE0278	KE0478
0.18	0.31	4.6	7.9	42.0	1067	KE1188	KE1388	KE0188	KE0388	KE0288	KE0488

Type name: Ball-Lok Ties
Material: Stainless Steel 304 or 316, 316 with or without Nylon 11 or Epoxy coating
Thickness: 0.265 mm

Width				Length		Ref. no. SS 304		Ref.no. SS 316		Ref.no. SS 316	
Inches		mm		Inches	mm	Uncoated		Uncoated		Epoxy coated	
0.18	0.31	4.6	7.9	7.9	201	XE1128	XE1328	XE0128	XE0328	XE0228	XE0428
0.18	0.31	4.6	7.9	10.2	259	XE1138	XE1338	XE0138	XE0338	XE0238	XE0438
0.18	0.31	4.6	7.9	14.2	360	XE1148	XE1348	XE0148	XE0348	XE0248	XE0448
0.18	0.31	4.6	7.9	20.4	520	XE1158	XE1358	XE0158	XE0358	XE0258	XE0458
0.18	0.31	4.6	7.9	26.8	679	XE1168	XE1368	XE0168	XE0368	XE0268	XE0468
0.18	0.31	4.6	7.9	33.0	838	XE1178	XE1378	XE0178	XE0378	XE0278	XE0478
0.18	0.31	4.6	7.9	42.0	1067	XE1188	XE1388	XE0188	XE0388	XE0288	XE0488

Type name: Tie-Lok Ties
Material: Stainless Steel, 304 (AS200 series) & 316 (AS400 series)
Thickness: 0.4 mm

Width		Length		Ref. no.	Ref.no.
Inches	mm	Inches	mm	SS 304	SS 316
0.25	6.35	10.0	254	AS211	AS411
0.25	6.35	15.5	419	AS212	AS412
0.25	6.35	22.5	572	AS213	AS413
0.25	6.35	29.0	737	AS214	AS414
0.25	6.35	35.0	889	AS215	AS415

Type name: Mini Tie-Lok Ties
Material: Stainless Steel, 304 (AS200 series) & 316 (AS400 series)
Thickness: 0.4 mm

Width		Length		Ref. no.	Ref.no.
Inches	mm	Inches	mm	SS 304	SS 316
0.177	4.5	6.6	165	AS221	AS421
0.177	4.5	10.0	254	AS222	AS422
0.177	4.5	16.0	406	AS223	AS423
0.177	4.5	22.5	572	AS224	AS424
0.177	4.5	29.0	737	AS225	AS425

Type name: Multi-Lok Ties
Material: Stainless Steel, 316 covered with RILSAN ESY (NYLON 11)
Thickness: 0.265 mm

With		Length		Ref. no.	Ref. no.
Inches	mm	Inches	mm	Coated	Uncoated
0.28	7	6	150	AE611	AE601
0.28	7	9	225	AE612	AE602
0.28	7	12	300	AE613	AE603
0.28	7	18	450	AE614	AE604
0.28	7	24	610	AE615	AE605
0.47	12	6	150	AE711	AE701
0.47	12	9	225	AE712	AE702
0.47	12	12	300	AE713	AE703
0.47	12	18	450	AE714	AE704
0.47	12	24	610	AE715	AE705

Type name: Band-It Ties
Material: Stainless Steel, 316 coated with Plascoat PPA 571or NYLON 11
Thickness: 0.4 mm

Length		Ref. no.	
Inches	mm	6.3 mm width	9.5 mm width
6	150	AE 111	AE 311
9	225	AE 112	AE 312
12	300	AE 113	AE 313
18	450	AE 114	AE 314
24	610	AE 115	AE 315
30	762	AE 116	AE 316
36	914	AE 117	AE 317

Type name: Cable fixing band and clips
Material: Stainless Steel, 316 coated with Plascoat PPA 571
Thickness: 0.4 mm

Width		Ref.no.	Ref.no.
Inches	mm	SS316	Uncoated clips
0.38	9.5	AE 433	AE 453
0.50	12.7	AE 434	AE 454
0.63	15.9	AE 435	AE 455
0.75	19.05	AE 436	AE 456

Type name: BAND-IT Ties All purpose Band
Material: Galvanised Carbon Steel, 316 coated with Plascoat PPA 571
Thickness: 0.726 mm

Width		Hole Diameter		Ref. no.	Ref. no.
Inches	mm	Inches	mm	Coated	Uncoated
0.47	12	0.20	5	AE565	AE505
0.67	17	0.28	7	AE566	AE506
1.02	26	0.31	8	AE567	AE507

Type name: BAND-IT Ties All purpose Band
Material: Stainless Steel, 316 coated with Plascoat PPA 571
Thickness: 0.726 mm

Width		Hole Diameter		Ref. no.	Ref. no.
Inches	mm	Inches	mm	Coated	Uncoated
0.47	12	0.20	5	AE465	AE405
0.67	17	0.28	7	AE466	AE406
1.02	26	0.31	8	AE467	AE407

Type name: BAND-IT Ties All purpose Band
Material: Copper
Thickness: 0.726 mm

Width		Hole Diameter		Ref. no.
Inches	mm	Inches	mm	Uncoated
0.47	12	0.20	5	AE805
0.67	17	0.28	7	AE806

Application/Limitation
For fixing of cables, outdoor and indoor, onboard ships and mobile offshore units.
Non-UV resistant ties not to be used on open deck.

Type Approval documentation
Tests carried out
Vibration, Flammability and Corrosion protection.
Holding power.

Marking of product
According to product description – Manufacturing place

Periodical assessment
The scope of the periodical assessment is to verify that the conditions stipulated for the Type approval are complied with and that no alterations are made to the product design or choice of materials.

The main elements of the assessment are:

- Inspection on factory samples, selected at random from the production line (where practicable)
- Results from Routines (RT) checked (if not available tests according to RT to be carried out)
- Review of type approval documentation
- Review of possible change in design, materials and performance
- Ensuring traceability between manufacturer's product type marking and Type Approval Certificate.

Assessment to be performed at least every second year.

END OF CERTIFICATE